Improvements and Ashalting to Chinnamma layout and adgacent cross roads in ward No 12, Shettyhalli Sub Division

Detailed Measurements

Date of Measurements

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
13	Providing and laying **dense graded bituminous macadam** using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen							
	6th Cross Road Near Muneshwar Temple3							
	Ch:0.0m to 30.00m	LHS	1	30.00	(1.20 + 0.90)/2	0.05	1.58	
	Ch:30.0m to 60.00m	LHS	1	30.00	(0.90 + 1.00)/2	0.05	1.43	
	Ch:60.00m to 90.00m	LHS	1	30.00	(1.00 + 0.80)/2	0.05	1.35	
	Ch:90.00m to 120.00m	LHS	1	30.00	(0.80 + 0.90)/2	0.05	1.28	
	Ch:120.00m to 124.00m	LHS	1	4.00	(0.90 + 1.00)/2	0.05	0.19	
	Ch:0.0m to 30.00m	RHS	1	30.00	(1.20 + 0.90)/2	0.05	1.58	
	Ch:30.0m to 60.00m	RHS	1	30.00	(1.00 + 0.90)/2	0.05	1.43	
	Ch:60.00m to 90.00m	RHS	1	30.00	(0.90 + 0.90)/2	0.05	1.35	
	Ch:90.00m to 120.00m	RHS	1	30.00	(0.90 + 0.80)/2	0.05	1.28	
	Ch:120.00m to 124.00m	RHS	1	4.00	(0.80 + 0.90)/2	0.05	0.17	
	Chinnamma Layout							
	Cross Road From 2nd Crs Rd							
	Ch:0.00m to 30.00m	LHS	1	30.00	(0.60 + 0.90)/2	0.05	1.13	
	Ch:30.00m to 60.00	LHS	1	30.00	(0.90 + 0.90)/2	0.05	1.35	
	Ch:60.00m to 90.00m	LHS	1	30.00	(0.90 + 0.90)/2	0.05	1.35	
	Ch:90.00m to 120.00m	LHS	1	30.00	(0.90 + 0.80)/2	0.05	1.28	

CIVIL TECH LABS BANGALORE

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವಿಶಿವನಗರ, ಬೆಂಗಳೂರು

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
	Ch:120.00m to 150.00m	LHS	1	30.00	(0.80 + 1.00)/2	0.05	1.35	
	Ch:150.00m to 180.00m	LHS	1	30.00	(1.00 + 0.95)/2	0.05	1.46	
	Ch:180.00m to 184.30m	LHS	1	4.30	(0.95 + 0.90)/2	0.05	0.20	
	Ch:0.00m to 30.00m	RHS	1	30.00	(0.75 + 0.85)/2	0.05	1.20	
	Ch:30.00m to 60.00	RHS	1	30.00	(0.85 + 1.00)/2	0.05	1.39	
	Ch:60.00m to 90.00m	RHS	1	30.00	(1.00 + 1.00)/2	0.05	1.50	
	Ch:90.00m to 120.00m	RHS	1	30.00	(1.00 + 0.90)/2	0.05	1.43	
	Ch:120.00m to 150.00m	RHS	1	30.00	(0.90 + 1.00)/2	0.05	1.43	
	Ch:150.00m to 180.00m	RHS	1	30.00	(1.00 + 0.90)/2	0.05	1.43	
	Ch:180.00m to 184.30m	RHS	1	4.30	(0.90 + 0.95)/2	0.05	0.20	
	2nd Main Road Up to College Rd							
	Ch:0.00m to 4.70m	LHS	1	4.70	(0.90 + 1.00)/2	0.05	0.22	
	Ch:4.70m to 16.40m	LHS	1	11.70	(1.00 + 1.30)/2	0.05	0.67	
	Ch:16.40m to 23.20m	LHS	1	6.80	(1.30 + 1.30)/2	0.05	0.44	
	Ch:23.20m to 53.20m	LHS	1	30.00	(1.30 + 0.80)/2	0.05	1.58	
	Ch:53.20m to 80.40m	LHS	1	27.20	(0.80 + 0.90)/2	0.05	1.16	
	Ch:80.40m to 86.20m	LHS	1	5.80	(0.90 + 0.60)/2	0.05	0.22	
	Ch:86.20m to 114.00m	LHS	1	27.80	(0.60 + 0.80)/2	0.05	0.97	
	Ch:114.00m to144.00m	LHS	1	30.00	(0.80 + 1.00)/2	0.05	1.35	
	Ch:144.00m to 174.00m	LHS	1	30.00	(1.00 + 1.00)/2	0.05	1.50	
	Ch:174.00m to 186.20m	LHS	1	12.20	(1.00 + 1.00)/2	0.05	0.61	
	2nd Main Road Up to College Rd							
	Ch:0.00m to 4.70m	RHS	1	4.70	(0.90 + 0.90)/2	0.05	0.21	

CIVIL TECH LAB BANGALORE

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಕೆಬ್ಬಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರ ನಗರ, ಬೆಂಗಳೂರು

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
	Ch:4.70m to 16.40m	RHS	1	11.70	(0.90 + 1.10)/2	0.05	0.59	
	Ch:16.40m to 23.20m	RHS	1	6.80	(1.10 + 1.20)/2	0.05	0.39	
	Ch:23.20m to 53.20m	RHS	1	30.00	(1.20 + 0.90)/2	0.05	1.58	
	Ch:53.20m to 80.40m	RHS	1	27.20	(0.90 + 0.85)/2	0.05	1.19	
	Ch:80.40m to 86.20m	RHS	1	5.80	(0.85 + 0.60)/2	0.05	0.21	
	Ch:86.20m to 114.00m	RHS	1	27.80	(0.60 + 0.85)/2	0.05	1.01	
	Ch:114.00m to144.00m	RHS	1	30.00	(0.85 + 0.80)/2	0.05	1.24	
	Ch:144.00m to 174.00m	RHS	1	30.00	(0.80 + 0.80)/2	0.05	1.20	
	Ch:174.00m to 186.20m	RHS	1	12.20	(0.80 + 1.00)/2	0.05	0.55	
	1st Main Road							
	Ch:0.0m to 30.00m		1	30.00	(5.10 + 5.30)/2	0.05	7.80	
	Ch:30.0m to 60.00m		1	30.00	(5.30 + 5.50)/2	0.05	8.10	
	Ch:60.00m to 68.00m		1	8.00	(5.50 + 5.50)/2	0.05	2.20	
	1st Cross Road							
	Ch:0.00m to 20.10m		1	20.10	(5.00 + 4.00)/2	0.05	4.52	
	1st Cross Road From 1st Main Road							
	Ch:0.00m to 30.00m		1	30.00	(5.80 + 5.60)/2	0.05	8.55	
	Ch:30.00m to 49.00		1	19.00	(5.60 + 4.10)/2	0.05	4.61	
	Cross Road-2 from 2nd Main Road							
	Ch:0.00m to 25.50m		1	25.50	(5.00 + 4.00)/2	0.05	5.74	
	Babanna Layout Crs Road							
	Ch:0.00m to 30.00m		1	30.00	(5.50 + 5.60)/2	0.05	8.33	
	Ch:30.00m to 60.00		1	30.00	(5.60 + 5.50)/2	0.05	8.33	
	Ch:60.00m to 90.00m		1	30.00	(5.50 + 5.40)/2	0.05	8.18	

CIVIL TECH LABS BANGALORE

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
	Ch:90.00m to 120.00m		1	30.00	(5.40 + 5.60) / 2	0.05	8.25	
	Ch:120.00m to 125.00m		1	5.00	(5.60 + 5.50) / 2	0.05	1.39	
	Cross Road-1							
	Ch:0.00m to 30.00m		1	30.00	(5.00 + 5.00) / 2	0.05	7.50	
	Ch:30.00m to 60.00		1	30.00	(5.00 + 5.00) / 2	0.05	7.50	
	Cross Road-2							
	Ch:0.00m to 30.00m		1	30.00	(4.80 + 4.80) / 2	0.05	7.20	
	Ch:30.00m to 38.00		1	8.00	(4.80 + 4.80) / 2	0.05	1.92	
	Cross Road-3							
	Ch:0.00m to 30.00m		1	30.00	(4.80 + 4.80) / 2	0.05	7.20	
	Ch:30.00m to 38.00		1	7.00	(4.80 + 4.80) / 2	0.05	1.68	
						Present Qty	**154.14**	**Cum**

CIVIL TECH LAB BANGALORE

Assistant Engineer
Ward No-12
BBMP Bangalore

Asst. Executive Engineer,
Shettyhalli Sub division
BBMP Bangalore

Improvements and Ashalting to Chinnamma layout and adgacent cross roads in ward No 12, Shettyhalli Sub Division

Detailed Measurements

Date of Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
14	Providing and laying **bituminous concrete** using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 507 of MORTH V revision using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-ll (30 mm to 45 mm) with 5.4% VG-30 Bitumen							
	6th Cross Road Near Muneshwar Temple3							
	Ch:0.0m to 30.00m		1	30.00	(6.00 + 5.90)/2	0.04	7.14	
	Ch:30.0m to 60.00m		1	30.00	(5.90 + 6.00)/2	0.04	7.14	
	Ch:60.00m to 90.00m		1	30.00	(6.00 + 5.80)/2	0.04	7.08	
	Ch:90.00m to 120.00m		1	30.00	(5.80 + 5.90)/2	0.04	7.02	
	Ch:120.00m to 124.00m		1	4.00	(5.90 + 6.00)/2	0.04	0.95	
	Cross Road From 2nd Crs Rd							
	Ch:0.00m to 30.00m		1	30.00	(4.60 + 3.90)/2	0.04	5.10	
	Ch:30.00m to 60.00		1	30.00	(3.90 + 4.00)/2	0.04	4.74	
	Ch:60.00m to 90.00m		1	30.00	(4.00 + 4.30)/2	0.04	4.98	
	Ch:90.00m to 120.00m		1	30.00	(4.30 + 4.70)/2	0.04	5.40	
	Ch:120.00m to 150.00m		1	30.00	(4.70 + 5.50)/2	0.04	6.12	
	Ch:150.00m to 180.00m		1	30.00	(5.50 + 5.30)/2	0.04	6.48	
	Ch:180.00m to 184.30m		1	4.30	(5.30 + 5.20)/2	0.04	0.90	
	2nd Main Road Up to College Rd							
	Ch:0.00m to 4.70m		1	4.70	(4.00 + 4.10)/2	0.04	0.76	
	Ch:4.70m to 16.40m		1	11.70	(5.65 + 6.50)/2	0.04	2.84	
	Ch:16.40m to 23.20m		1	6.80	(5.75 + 6.50)/2	0.04	1.67	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ಮಹದೇವಪುರ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು-560 048

SVM TECH LAB BANGALORE PVT LTD

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	Ch:23.20m to 53.20m		1	30.00	(6.50 + 4.80)/2	0.04	6.78	
	Ch:53.20m to 80.40m		1	27.20	(4.80 + 5.50)/2	0.04	5.60	
	Ch:80.40m to 86.20m		1	5.80	(3.50 + 3.50)/2	0.04	0.81	
	Ch:86.20m to 114.00m		1	27.80	(3.50 + 4.70)/2	0.04	4.56	
	Ch:114.00m to144.00m		1	30.00	(6.10 + 5.40)/2	0.04	6.90	
	Ch:144.00m to 174.00m		1	30.00	(5.40 + 5.30)/2	0.04	6.42	
	Ch:174.00m to 186.20m		1	12.20	(5.30 + 5.40)/2	0.04	2.61	
	1st Main Road							
	Ch:0.0m to 30.00m		1	30.00	(5.10 + 5.30)/2	0.03	4.68	
	Ch:30.0m to 60.00m		1	30.00	(5.30 + 5.50)/2	0.03	4.86	
	Ch:60.00m to 68.00m		1	8.00	(5.50 + 5.50)/2	0.03	1.32	
	1st Cross Road							
	Ch:0.00m to 20.10m		1	20.10	(5.00 + 4.00)/2	0.03	2.71	
	1st Cross Road From 1st Main Road							
	Ch:0.00m to 30.00m		1	30.00	(5.80 + 5.60)/2	0.03	5.13	
	Ch:30.00m to 49.00		1	19.00	(5.60 + 4.10)/2	0.03	2.76	
	Cross Road-2 from 2nd Main Road							
	Ch:0.00m to 25.50m		1	25.50	(5.00 + 4.00)/2	0.03	3.44	
	Babanna Layout Crs Road							
	Ch:0.00m to 30.00m		1	30.00	(5.50 + 5.60)/2	0.03	5.00	
	Ch:30.00m to 60.00		1	30.00	(5.60 + 5.50)/2	0.03	5.00	
	Ch:60.00m to 90.00m		1	30.00	(5.50 + 5.40)/2	0.03	4.91	
	Ch:90.00m to 120.00m		1	30.00	(5.40 + 5.60)/2	0.03	4.95	
	Ch:120.00m to 125.00m		1	5.00	(5.60 + 5.50)/2	0.03	0.83	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಲೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನ

CIVILTECH BANGALORE

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	Cross Road-1							
	Ch:0.00m to 30.00m		1	30.00	(5.00 + 5.00) / 2	0.03	4.50	
	Ch:30.00m to 60.00		1	30.00	(5.00 + 5.00) / 2	0.03	4.50	
	Cross Road-2							
	Ch:0.00m to 30.00m		1	30.00	(4.80 + 4.80) / 2	0.03	4.32	
	Ch:30.00m to 38.00		1	8.00	(4.80 + 4.80) / 2	0.03	1.15	
	Cross Road-3							
	Ch:0.00m to 30.00m		1	30.00	(4.80 + 4.80) / 2	0.03	4.32	
	Ch:30.00m to 38.00		1	7.00	(4.80 + 4.80) / 2	0.03	1.01	
						Present Qty	**167.40**	**Cum**

CIVIL TECH LABS BANGALORE

Assistant Engineer
Ward No-12
BBMP Bangalore

Asst. Executive Engineer,
Shettyhalli Sub division
BBMP Bangalore

Improvements and Ashalting to Chinnamma layout and adgacent cross roads in ward No 12, Shettyhalli Sub Division

Detailed Measurements

Date of Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
15	Road Marking with **Hot Applied Thermoplastic Compound** with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.							
	6th Cross Road Near Muneshwar Temple3							
	Ch:0.0m to 30.00m		2	30.00	0.10		6.00	
	Ch:30.0m to 60.00m		2	30.00	0.10		6.00	
	Ch:60.00m to 90.00m		2	30.00	0.10		6.00	
	Ch:90.00m to 120.00m		2	30.00	0.10		6.00	
	Ch:120.00m to 124.00m		2	4.00	0.10		0.80	
	Cross Road From 2nd Crs Rd							
	Ch:0.00m to 30.00m		2	30.00	0.10		6.00	
	Ch:30.00m to 60.00		2	30.00	0.10		6.00	
	Ch:60.00m to 90.00m		2	30.00	0.10		6.00	
	Ch:90.00m to 120.00m		2	30.00	0.10		6.00	
	Ch:120.00m to 150.00m		2	30.00	0.10		6.00	
	Ch:150.00m to 180.00m		2	30.00	0.10		6.00	
	Ch:180.00m to 184.30m		2	4.30	0.10		0.86	
	2nd Main Road Up to College Rd							
	Ch:0.00m to 4.70m		2	4.70	0.10		0.94	
	Ch:4.70m to 16.40m		2	11.70	0.10		2.34	
	Ch:16.40m to 23.20m		2	6.80	0.10		1.36	
	Ch:23.20m to 53.20m		2	30.00	0.10		6.00	
	Ch:53.20m to 80.40m		2	27.20	0.10		5.44	
	Ch:80.40m to 86.20m		2	5.80	0.10		1.16	
	Ch:86.20m to 114.00m		2	27.80	0.10		5.56	
	Ch:114.00m to144.00m		2	30.00	0.10		6.00	
	Ch:144.00m to 174.00m		2	30.00	0.10		6.00	
	Ch:174.00m to 186.20m		2	12.20	0.10		2.44	
	1st Main Road							
	Ch:0.0m to 30.00m		2	30.00	0.10		6.00	
	Ch:30.0m to 60.00m		2	30.00	0.10		6.00	
	Ch:60.00m to 68.00m		2	8.00	0.10		1.60	
	1st Cross Road							
	Ch:0.00m to 20.10m		2	20.10	0.10		4.02	

CIVIL TECH BANGALORE